

HIGH POWER COAXIAL SPLITTERS

136 - 2700 MHz

PSC Series

Product Features

Fiplex PSC Series of power splitters are passive devices designed in a coaxial configuration.

Two, three and four output ports models available.

N and DIN 7/16 type connectors as standard, other types available upon request.

Power handling capability up to 500W (CW).



Coaxial Splitters



Specification	PSCx-Ay	PSCx-By	PSCx-ABy	PSCx-Wy
Frequency range	136 – 174 MHz	380 – 520 MHz	136 – 520 MHz	700 – 2700 MHz
Input power	200 W	200 W	200 W	200 W
Output ports (“x”)				
“2”	2	2	2	2
“3”	3	3	3	3
“4”	4	4	4	4
Insertion loss, over nominal	< 0.5 dB	< 0.5 dB	< 0.7 dB	< 0.5 dB
Flatness	+/- 0.5 dB	+/- 0.5 dB	+/- 0.5 dB	+/- 0.5 dB
Input VSWR	Better than 1.30:1	Better than 1.30:1	Better than 1.30:1	Better than 1.30:1
PIM	150dBc min (2x20W)	150dBc min (2x20W)	150dBc min (2x20W)	150dBc min (2x20W)
Connectors (“y”)				
“2”	N(f)	N(f)	N(f)	N(f)
“8”	-	-	-	DIN 7/16(f)
Environmental	IP65	IP65	IP65	IP65
Temp. Range, storage	-40° to 158° F • -40° to +70° C		-40° to 158° F • -40° to +70° C	
Temp. Range, operation	22° to 158° F • -30° to +70° C		22° to 158° F • -30° to +70° C	
Dimension (excluding connectors)	20 x 1 x 1 in 500 x 25 x 25 mm	1 x 1 x 10.4 in 236.5 x 25 x 25 mm	27.5 x 1 x 1 in 700 x 25 x 25 mm	9.2 x 2.4 x 2 in 233.6 x 60 x 50 mm
Weight	0.88 lbs 0.4 kg	0.88 lbs 0.4 kg	0.45 lbs 0.7 kg	0.66 lbs 0.3 kg
MTBF	>1.000.000 hours	>1.000.000 hours	>1.000.000 hours	>1.000.000 hours

DOC 5C047.08 - 26062017
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